

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	kernel adj induced adj feature adj space	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 17:10
S2	2881	feature adj space	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 17:10
S3	326	(feature adj space) and (feature near selection)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 17:10
S4	896	(feature adj space) and ((feature near selection) (feature near extraction))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 17:12
S5	116	((feature adj space) and ((feature near selection) (feature near extraction))) and (support adj vector adj machine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 17:12
S6	8	((feature adj space) and ((feature near selection) (feature near extraction))) and (support adj vector adj machine) and (linear adj programming)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 22:13
S7	39	(support adj vector adj machine) and (linear adj programming)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 22:15
S8	14	(support adj vector adj machine) same (linear adj programming)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 22:24
S9	41	((support adj vector adj machine) SVM) and (linear adj programming)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 22:25

KP Bennett, C Campbell - ACM SIGKDD Explorations Newsletter, 2000 - portal.acm.org  
... the number of research papers on the topic of **Support Vector Machines** (SVMs ...  
extensions  
of the technique to classification via **linear programming**, regression and ...  
[Cited by 114](#) - [Related Articles](#) - [Web Search](#)

[PS] Generalized support vector machines - all 6 versions »

OL Mangasarian - Advances in Large Margin Classifiers, 2000 - cs.wisc.edu  
 ...  $f$  is piecewise-linear, existence follows from the standard **linear programming** result,  
 that ... We consider in this section **support vector machines** that include the ...  
[Cited by 115](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

## 1-norm support vector machines - all 5 versions »

J Zhu, S Rosset, T Hastie, R Tibshirani - Neural Information Processing Systems, 2003 - stat.lsa.umich.edu

... 2 Regularized **support vector machines** ... penalty does a kind of continuous **feature selection**, while this ... transform (1)-(2) into a **linear programming** problem and ...

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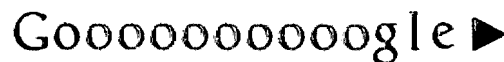
Data discrimination via nonlinear generalized **support vector machines** - all 2 versions »

OL Mangasarian, DR Musicant - Complementarity: Applications, Algorithms and Extensions, 2001 - citeseer.ist.psu.edu

... Aha - 1992 272 **Linear Programming** and Extensions ... Polyak - 1987 47 **Feature selection**

via concave ... 32 Generalized support vector machines - Mangasarian - 1998 22 ...

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[T Joachims](#)

[N Christianini](#)

[R Duda](#)

[J Shawe-Taylor](#)

[P Hart](#)

**Feature selection via concave minimization and support vector machines**

- all 11 versions »

PS Bradley, OL Mangasarian - Machine Learning Proceedings of the Fifteenth International ..., 1998 - machinelearning.net

... **Selection** via Concave Minimization and **Support Vector Machines** ... underlies the proposed

**feature selection** methods here ... the pro- posed **linear programming** approaches ...

Cited by 178 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**[book] An Introduction to Support Vector Machines and Other Kernel-based Learning Methods** - all 5 versions »

N Christianini, J Shawe-Taylor - 2000 - books.google.com

... **Support Vector Machines** 6.1 Support Vector Classification 6.1.1 The Maximal Margin Classifier . 6.1.2 Soft Margin Optimisation 6.1.3 **Linear Programming** Support ...

Cited by 1775 - [Related Articles](#) - [Web Search](#) - [Library Search](#)

**[book] Text Categorization with Support Vector Machines: Learning with Many Relevant Features** - all 19 versions »

T Joachims - 1998 - Springer-Verlag London, UK

... On the use of **linear programming** for unsupervised ... rating analysis with **support vector**

**machines** and neural ... to active **feature selection**, Artificial Intelligence ...

Cited by 1944 - [Related Articles](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#)

**[ps] Transductive inference for text classification using support vector machines** - all 20 versions »

T Joachims - Proceedings of the Sixteenth International Conference on ..., 1999 - cimvl.knu.ac.kr

Page 1. Transductive Inference for Text Classification using **Support Vector Machines** ... x i is nor- malized to unit length. 3 Transductive **Support Vector Machines** ...

Cited by 478 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

**Gene Selection for Cancer Classification using Support Vector Machines** - all 24 versions »

I Guyon, J Weston, S Barnhill, V Vapnik - Machine Learning, 2002 - Springer

... RNA expression, genomics, gene selection, DNA micro- array, proteomics, cancer classification, **feature selection**, **support vector machines**, recursive feature ...

Cited by 650 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Semi-supervised support vector machines** - all 13 versions »

K Bennett, A Demiriz - Advances in Neural Information Processing Systems, 1998 - cs.columbia.edu

... **Feature selection** via concave mini- mization ... tutorial on **support vector machines** for ... **Linear programming support vector machines** for pattern classification and ...

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**Support vector machines: hype or hallelujah?** - all 16 versions »